

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CH 03/00524

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G07F7/10 G06F3/033

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G07F G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 197 06 494 A (MOBILTRADING & FINANCING ANSTALT) 27 August 1998 (1998-08-27) abstract; claims; figures column 2, line 53 – line 65 ---	1,2,8,9
Y	US 6 380 930 B1 (G. VAN RUYMBEKE) 30 April 2002 (2002-04-30) abstract; claims; figures column 3, line 5 – line 67 ---	1,2,8,9
A	WO 99/46669 A (SCM MICROSYSTEMS) 16 September 1999 (1999-09-16) abstract; claims; figures page 4, line 26 –page 6, line 5 page 6, line 34 –page 7, line 15 ---	3,7,10
A	-/-	1-5, 7-12, 14-16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

29 April 2004

Date of mailing of the International search report

12/05/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

David, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CH 03/00524

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 05 189191 A (MATSUSHITA ELECTRIC) 30 July 1993 (1993-07-30) -----	
A	FR 2 792 439 A (J.Y. LEROUX) 20 October 2000 (2000-10-20) -----	

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00524

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19706494	A	27-08-1998	DE AT AU CA DE WO EP ES	19706494 A1 208059 T 6722198 A 2280783 A1 59801952 D1 9839702 A1 0961960 A1 2167068 T3		27-08-1998 15-11-2001 22-09-1998 11-09-1998 06-12-2001 11-09-1998 08-12-1999 01-05-2002
US 6380930	B1	30-04-2002	CN EP JP TW WO	1347524 T 1161719 A1 2002539517 T 526408 B 0054131 A1		01-05-2002 12-12-2001 19-11-2002 01-04-2003 14-09-2000
WO 9946669	A	16-09-1999	DE WO	29804165 U1 9946669 A1		07-05-1998 16-09-1999
JP 05189191	A	30-07-1993	NONE			
FR 2792439	A	20-10-2000	FR	2792439 A1		20-10-2000